



Petrodar Operating Company
 Production Operation department
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Yousif Abdelbagi Abdallah Mustafa

Electrical Engineer

Career Objective

Looking for a responsible Position Job in the field of Electrical Engineering.

Professional Abridgement

- Over 10 years' experiences in Electrical Engineering, Commissioning and troubleshooting including Telecommunication & Petroleum Companies.
- Hands on experience in Crude oil treatment operation, maintenance, construction, inspection and commissioning activities at Oil and Gas Petroleum companies Projects (Upstream & Downstream Projects).
- Worked in different fields having a good experience in many techniques and methods in crude oil process facilities (CPF & FPF) like separators, heat exchanger, electrostatic dehydrators, instrument air compressor & Heat Medium System (Boilers).

Personal Information

Nationality	Sudanese
Date of Birth	Jan 1978
Place of Birth	Dallwat Elbahar
Religion	Muslim
Marital Status	Single
Present Address	Omdurman- Elthowra- Eskan Zalt - Block 76
Permanent Address	Dallawat Elbahar- Aljazeera State
Passport No	P04188496

Education

Graduation	B.SC (Bachelor) of Engineering (Honours) in Electrical Engineering (Control) after completing 5 years
University / Faculty	Sudan University of Science and Technology College of Engineering
Date of award	Sep 2002
Project	Proportional Integral Derivative Controller Design & Analysis Systems (PID).
Grade	Excellent.

Miscellaneous

- Member of the Sudanese Engineering Council.
Register as a Graduate Engineer Number **EC/ER/GE/24800**
(Sudan Engineering Council).
Register Date :9rd, Jun 2011
- Released from the military service.
- Valid Driving License

Key of Success

- Effective communication with managers and technicians & organizational skills.
- Able to work both Individual and in a team member.
- Able to work independently under Minimum Supervision.
- Interesting & flexible to learn Training Courses or any new things.
- Patient, Self-motivated, and enthusiastic.
- Recognition.
- Continuous Improvement & a good analytical skills.
- Leadership skills.

Point of Self

- Self-motivated with a positive attitude.
- I take initiative to improve the things and convince others to join me.
- Interested in exploiting my theoretical knowledge as practical.

Skills & Abilities

- Able to work both Individual and in Groups.
- Able to work independently under Minimum Supervision.
- Interesting to learn Training Courses or any new things.
- Active in Sports Activities Especially Football.

Languages

Arabic is the native language (Written & Spoken)
Good Command of English language (Written & Spoken)

Computer Skills

Excellent knowledge and practice in MS Office & Internet.

Employment Feb 2018 Up to date	Anton Oilfield Services DMCC Company	Anton Oilfield Services is famous company in China specialist in different field Construction, Operation & Maintenance.
	33 KV Substation Engineer & Operator	Buzrgan Oilfield -Iraq Missan Oilfield WTP-Iraq Operation & Maintenance Section Water Treatment Plant (WTP)
Responsibilities	<ul style="list-style-type: none"> ▪ Take party in the WTP 33kV sub-station commissioning and initial start-up. ▪ Responsible for electrical 33kV sub-station operation, maintenance & daily inspection. ▪ Participate in Substation shutdown & Send Power S.O.P ▪ Follow up Substation Electrical Isolation ▪ Responsible for all electrical equipment inspection, operation & maintenance. ▪ Manage the HSE safety devices and organize HSE training and weekly meeting. ▪ Set up PM schedule and prepare electrical spare part list. ▪ Master water treatment principle and process, water purification skid, water fine filters, dual media filters, Active carbon filters & Softener system, complete all kind of job accordance with requirement. ▪ Master Crude, water and Gas treatment principle and process, complete all kinds of job accordance with requirement; ▪ Master Vacuum Pump System. ▪ Cooperate with maintenance to check and repair equipment and change running equipment. ▪ According to command from CCR and supervisor, prepare soft starter for start & stop water injection and feed pumps. ▪ Familiar with waste water treatment and production water injection station process and common problems treatment methods ▪ Follow up Chemical skid level Top up, when the level is below the normal top up chemical in time and keep the worksite clean. ▪ Familiar with diesel pump start/stop operation, such as firefighting diesel pump, diesel unloading pump and diesel feed pump etc. 	

Employment Jan 2007 To Nov 2012	Petrodar Operating Company	Petrodar Operating Company Ltd .is an operating company to carry out exploration, development and production of oil for Block 3E, 7E and 3D in Sudan .The company is incorporated under the laws of the British Virgin Islands and has a registered branch in Sudan. The shareholder of PDOC is a consortium of international Exploration & Production oil companies.
	Electrical Foreman	Production Department Maintenance Section AJABALAIN CPF, GUMMRY FPF & FSF
Responsibilities	<ul style="list-style-type: none"> ▪ Responsible for ensuring that the Company Health, safety and Environment (HSE) policies and Procedures are fully implement. ▪ Reviews hot and cold work permits to ensure safe operational completion activities. ▪ Participate in Planning and Preparation of regular FPF & CPF electrical maintenance work Schedules to meet operational work programmes. Including following up Preventive & Corrective Maintenance Schedules based on Manufactures recommendations, until successful completion, final inspection and make acceptance of the work to minimize facility down time and maximize oil production. ▪ Carry out Gummy FPF and Aljabalain CPF Preventive & Corrective Maintenance for Medium voltage (MV), 6.6Kv & low voltage (LV), 415v at field and MCC side drawers, Vacuum Circuit breaker (VCB), Air Circuit breaker (ACB), oil circuit breaker (OCB), AC & DC UPS Systems and it is Batteries, Cathodic Protection & Power Transformers, Motors checking bearing, winding resistance insulation, troubleshooting and tracing control wiring diagrams. ▪ Participate in CPF & Gummry FPF Commissioning including Heat Medium System (Boilers), Firefighting System, water treatment & injection System, Lighting & Earthing Systems, Heat tracing System, MCC Panels & Power cables termination, Cathodic Protection Transformers, Power Transformers, Relays setting, AC & DC UPS Systems. Prepared Electrical equipment punch list & pending Jobs. ▪ Responsible for Maintenance diagnosis and repair of faults to HV & LV electrical Equipment. ▪ Participate to Determines causes for ground faults and carries out necessary repairs, reviews work to be done and make complete test for safe and satisfactory operation, then ensures that all electrical maintenance work is perform in accordance with Company regulations. ▪ Prepares electrical safety isolation and work procedures to install new equipment for minor plant modification. ▪ Responsible for Preparing Billing of Materials (BOM), Asset Registration & Electrical Equipment History then updates the P.M & C.M every day. ▪ Participate in the Preparation of the strategic electrical requirements. Critical & two Years Spares part (SPIR), Consumables Material Request (MR), equipment and maintenance tools. 	

Responsibilities

- Supervises the Preparation of the detailed annual stock set-ups in Conjunction with concerned Personnel and recommends replacement based on expected Consumption.
- Communication with Vendors & Supplies for Preparation of tender Documents so as to prepare Purchase orders and carry out the Clarification of Technical evaluations for Spare part (SPIR), that should be received from bidders and recommending The successful ones.
- Participate with supervisor in the maintenance Plans for CPF, FPF & MCC Shutdown or Startup Maintenance Procedures to minimize down time and optimize Production.
- Follow up the Configuration of EICS System so as to reset it communication failure & control fault when the motors unable to run in automate and showing wrong indication at DCS.
- Follow up the Intelligent Motors Protection Relay (IMPR, LTMR) Upload and download setting in MCC feeders side.
- Carry out preventive and defective maintenance for electrical devices and preparing daily & weekly maintenance reports.
- Carry out wiring and cable laying for any modifications in plant both at CPF & FPF.
- Carry out maintenance of UPS and battery backup systems.
- Carry out maintenance of valves with electric motorized actuators (MOV).
- Participate in preparations major overhauls for Motors, Generators & Compressors
- Reviews all activities to achieve work quality in accordance with the Company QA/QC standards and procedures.
- Ensures that all necessary procedures and standing instructions are followed. Includes using approved and safe operating procedures for the CPF & FPF facilities.
- Ensures all systems always available at their designed efficiency and performance.
- Provide support to all system users to prepare program logic and specifications.
- Manage systems backup for all Production equipment both in (CPF & FPF).
- Follow up the Operation for CPF & FPF plant, including Heat Medium System (Boiler), Firefighting System, water treatment & injection System, Distributed control System (DCS), Instrument Air Compressor and export Pumps System.
- Visual inspection to recording of all CPF operational production parameters data and enters in the log operational readings as well as a list of all daily activities.
- Reviews any abnormal readings and takes corrective action and draft requests to unresolved problems.
- Assists in the Preparation of the Daily CPF report, recording all relevant functions inclusive of any problems and actions taken to rectify.
- Participate to ensure the safe and satisfactory operation for the CPF production facilities.
- Ensures the safe production operation of all CPF & FPF activities. Ensures that all oil & gas Production safety control systems, include of ESD and firefighting systems are fully functional.

Employment	Newtech Consulting Group	
	Aug 2014 To April 2016	
Responsibilities	Electro-mechanical Engineer	Newtech Consulting Group (ltd). Dams Implementation Unit (Owner). Resettlement Water Supply Project at upper Atbara & Setit Dams Complex.
	<p>My responsibilities during Project I Participate in Planning & Supervision the installation of Electrical and Mechanical Equipments including:</p> <ul style="list-style-type: none"> ▪ Supervises and monitoring progress of Electrical works according to time schedules. ▪ Supervises Quality Assurance and Quality Control (QA and QC) according to Electrical Works Specification. ▪ Participate in Planning and Supervises the installation of Electro-Mechanical Equipment including: <ul style="list-style-type: none"> - Power Transformers & Generators. - Water Intake Pumps. - Water Treatment Station Pumps. - Underground Storage Tank Pumps House. - G.R.P Tank Pumps Room. - Dosing Chemical Pumps (PAC). ▪ Participate in Water station testing & Commissioning for Electrical equipments including (Generators, Pumps, Motors, Power Cables, Control Panels and Power distribution boards system). ▪ Prepared electrical equipment Pending Jobs and follow up the Contractors to complete the installation as per planning and specification. 	

Employment Jan 2003 To Dec 2005	Sudan Telecom.Co.ltd (Sudatel)	
	Power Engineer	Sudan Telecom.Co.ltd (Sudatel) Power Maintenance & Operation department
Responsibilities	<p>I working as Power Engineer for Planning, installation, commissioning and Participate in Preventive maintenance (P.M) & Corrective Maintenance (C.M), for many different types of AC & DC Power Supply Systems for Telecommunication equipment such as:</p> <ul style="list-style-type: none"> ▪ Emergency Diesel Generators & it is Control equipment (PERKINS, DUETZ, and CUMMINS). ▪ Automatic Voltage Regulators (AVR), such as (AEES, AXA, IREM). ▪ Automatic Transfer Switch (ATS). ▪ Rectifiers (AC/DC), Inverters (DC/AC) & Converters (DC/DC) such as (ALCATEL, ERICSSON, SIEMENS, BENING). ▪ Uninterruptible Power Supply (UPS) from 1KVA up to 50KVA (MATRIX). ▪ Solar Power System equipment (installation, Sizing calculation, and Commissioning). ▪ Stationary Batteries standby parallel mode (Open lead Acid Batteries, Sealed lead Acid Batteries installation, Power calculation, and Commissioning). ▪ Acceptance test for AC & DC Power Supply electrical equipment. ▪ Safety Power Protection equipment (Earth system, grounding system, Potential equalization, and lighting Protection). 	

Employment Jan 2006 To Mar 2006	Ranhill Petroneeds Company	
	Elect & Inst Engineer	Petrodar Operating Company (Client) Ranhill Petroneeds Company (Organizer) Upstream Project Department (Sudan Jabalayn CPF)
Responsibilities	<p>My responsibilities during Project, I working as Elect & Inst Engineer to Participate in Planning & installation different types of Elect and instrument Equipment including:</p> <ul style="list-style-type: none"> ▪ MCC Switchgear MV and LV Power cables laying, glanding & termination. ▪ Installation Local Control Switch (LCS) and make Loop checking for Control wiring tracing with Vendors for MCC MV & LV Panels as wiring diagram. ▪ Transformer Power Cables Termination (both sides). ▪ Heat tracing Power Cables Termination with control wiring Panels. 	

Employment April 2006 To July 2006	C.K Engineering Co.ltd	
Responsibilities	Electrical Engineer	Petrodar Operating Company (Client) C.K engineering CO.LTD (Organizer) Downstream Project Department (Alelafoon, Albagear Block Valve)
		Testing & Commissioning many different types of Electrical equipment including: <ul style="list-style-type: none"> ▪ Stationary Batteries Acceptance test. ▪ Solar Power Energy, Batteries, and Generators simulation test. ▪ Solar Regulators Acceptance test. ▪ Alarms Acceptance tests.

Employment Aug 2006 To Sep 2006	Hassan Bashir Co.ltd	
Responsibilities	Electrical Engineer	Petrodar Operating Company (Client) Hassan Bashir CO.LTD (Organizer) Bashayer2, Marine Terminal (Port sudan)
		I work as Electrical Engineer to Participate in Planning & installation different types of Elect and instrument Equipments including: <ul style="list-style-type: none"> ▪ Uninterruptible Power Supply System (AC & DC UPS). ▪ Power cables termination for Heat Medium oil Motors Pumps (Boilers), Crude oil Booster Motors Pumps, and Shipping Motors Pumps. ▪ Preparations and Calculations of Electrical loads for Shelters lighting.

Training & Courses

- **Modern Power System Protective Relaying**
Kush Energy & Environmental Solutions Ltd.
Petrodar Operating Company Training Center (Burj Afateh Hotel).
Sudan-Khartoum from 28-June-2009 up to 02-July-2009.
- **Electrical Supply, Distribution Transformers Power Distribution System and Drawing.**
Sudapet Co.ltd.
Petroleum Technical Center.
Oil & Gas Job Skill Section.
Sudan-Khartoum from 19-Sep-2010 up to 30-Sep-2010.
- **MCC MV & LV Switchgear, Control Circuit and Troubleshooting**
Sudapet Co.ltd.
Petroleum Technical Center.
Oil & Gas Job Skill Section.
Sudan-Khartoum from 03-Oct-2010 up to 14-Oct-2010.
- **Unleash The Power Within**
Petrodar Operating Company Training Center.
(Change Management Section).
Sudan-Khartoum from 27-Jun-2011 up to 11-July-2011.
- **Five Quality Principles**
Petrodar Operating Company Training Center.
(Change Management Section)
Sudan-Khartoum from 13-April-2011 up to 14-April-2011.
- **The Defensive Driving Course (DDC)**
AW & WA Group Transportation Fleet Management Consulting.
Petrodar Operating Company.
Sudan-Khartoum from 03-Sep-2011 up to 19-Sep-2011.
- **First Aid and Basic Cardio Pulmonary Resuscitation**
University of Khartoum Faculty of Medicine
Educational Development Center (Medical & Health Professions)
Khartoum from 10-Sep-2008 up to 18-Sep-2008.

References Names

- **Name:** Aldirdiri Salih Eltoum
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- **Name:** Hitham Mohammed Osman
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- **Name:** Ayman Khalil Mohammed
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- **Name:** Mamoun Ibrahim Mustafa
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- **Name:** Alsadig Ibrahim Hussein
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